

IN THE CLAIMS

This listing of claims will replace all prior versions, and
listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-pressure discharge lamp comprising:

[(-)] an inner vessel with a discharge chamber, and
[(-)] with at least two electrodes extending into the
discharge chamber, and possibly an outer bulb surrounding the inner
vessel,

characterized in that wherein the discharge chamber contains an ionizable filling comprising:

[(-)] at least one rare gas,

[(-)] 0 mg to 10 mg of mercury, and

[(-)] a metal halide mixture comprising:

[(*)] 40 to 80% by weight of sodium halide,

[(*)] 25 to 55% by weight of scandium halide,

[[*]] 1 to 15% by weight of indium halide, and

[[*]] 0 to 34% by weight of thallium halide.

2. (Currently Amended) AThe high-pressure discharge lamp as claimed in claim 1, characterized in that the wherein a color point of the light emitted by the high-pressure discharge lamp in the a CIE 1931 diagram has an X-color coordinate in a range from 0.345 to 0.375, preferably from 0.350 to 0.370, more preferably from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375, preferably from 0.355 to 0.370, more preferably from 0.360 to 0.365.

3. (Currently Amended) AThe high-pressure discharge lamp as claimed in claim 1, characterized in that further comprising an outer bulb surrounding the inner vessel, the outer bulb comprises neodymium, preferably comprising neodymium oxide, the neodymium oxide content being preferably substantially 2 to 20% by weight with respect to the total weight of the outer bulb.

4. (Currently Amended) AThe high-pressure discharge lamp as

claimed in claim 1, characterized in that the wherein a color temperature of the light emitted by the high-pressure discharge lamp lies in a range from 4300 K to 5000 K, preferably from 4500 K to 4900 K, more preferably from 4700 K to 4800 K.

5. (Currently Amended) A-The high-pressure discharge lamp as claimed in claim 1, characterized in that the wherein luminous efficacy of the light emitted by the high-pressure discharge lamp is at least 70 lm/W, preferably >75 lm/W, more preferably >85 lm/W, even more preferably >95 lm/W.

6. (Currently Amended) A-The high-pressure discharge lamp as claimed in claim 1, characterized in that the wherein a color point change with respect to the an X-color coordinate and the a Y-color coordinate in a CIE 1931 diagram amounts to ≤ 6%, preferably ≤ 5%, preferably ≤ 4%, more preferably ≤ 3%, particularly preferably ≤ 2%, and most preferably ≤ 1% over a period of operation of the high-pressure discharge lamp of 1600 hours.

7. (Currently Amended) A-The high-pressure discharge lamp as

claimed in claim 1, characterized in that wherein the at least one rare gas included xenon, and the ionizable filling further comprises:

- ([-]) at least one rare gas, preferably xenon,
- ([-]) 50 to 70% by weight of sodium iodide,
- ([-]) 30 to 50% by weight of scandium iodide,
- ([-]) 1 to 15% by weight of indium iodide, and
- ([-]) 0 to 10 mg mercury.

8. (Currently Amended) The high-pressure discharge lamp as claimed in claim 1, characterized in that wherein the at least one rare gas included xenon, and the ionizable filling comprises:

- ([-]) at least one rare gas, preferably xenon,
- ([-]) 50 to 60% by weight of sodium iodide,
- ([-]) 35 to 45% by weight of scandium iodide,
- ([-]) 1 to 15% by weight of indium iodide, and
- ([-]) 0 to 10 mg mercury.

9. (Currently Amended) An ionizable filling for a discharge lamp, characterized in that said the ionizable filling comprises

comprising:

[[-]] at least one rare gas,

[[-]] 0 mg to 10 mg of mercury, and

[[-]] a metal halide mixture comprising:

[[*]] 40 to 80% by weight of sodium halide,

[[*]] 25 to 55% by weight of scandium halide,

[[*]] 1 to 15% by weight of indium halide, and

[[*]] 0 to 34% by weight of thallium halide.

10. (Currently Amended) A lighting unit, in particular a motor vehicle headlight, comprising a the high-pressure discharge lamp as claimed in claim 1.

11. (New) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.350 to 0.370, and a Y-color coordinate in a range from 0.355 to 0.370.

12. (New) The high-pressure discharge lamp of claim 1, wherein

a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375.

13. (New) The high-pressure discharge lamp of claim 1, wherein a color temperature of light emitted by the high-pressure discharge lamp lies in a range from 4700 K to 4800 K.

14. (New) The high-pressure discharge lamp of claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least 275 lm/W.

15. (New) The high-pressure discharge lamp of claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to $\leq 5\%$ over a period of operation of the high-pressure discharge lamp of 1500 hours.